

< 소프트웨어 공학 >

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# Coffee Machine

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Team 4 : 손성호 | 김민주 | 이광제 | 홍성현

**1. Changes**

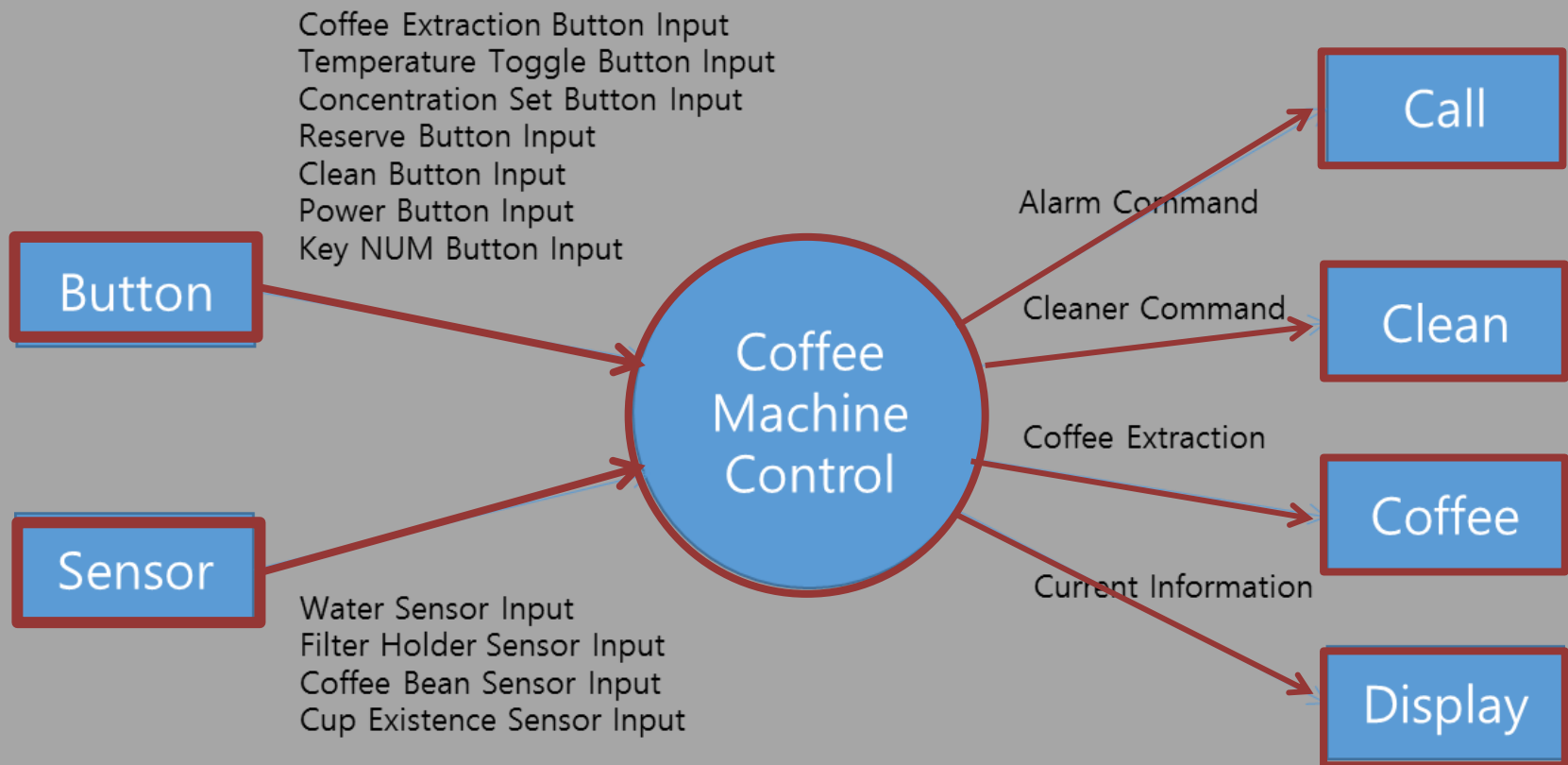
- **DFD & STD**

**2. Overall**

**3. Structured Design**

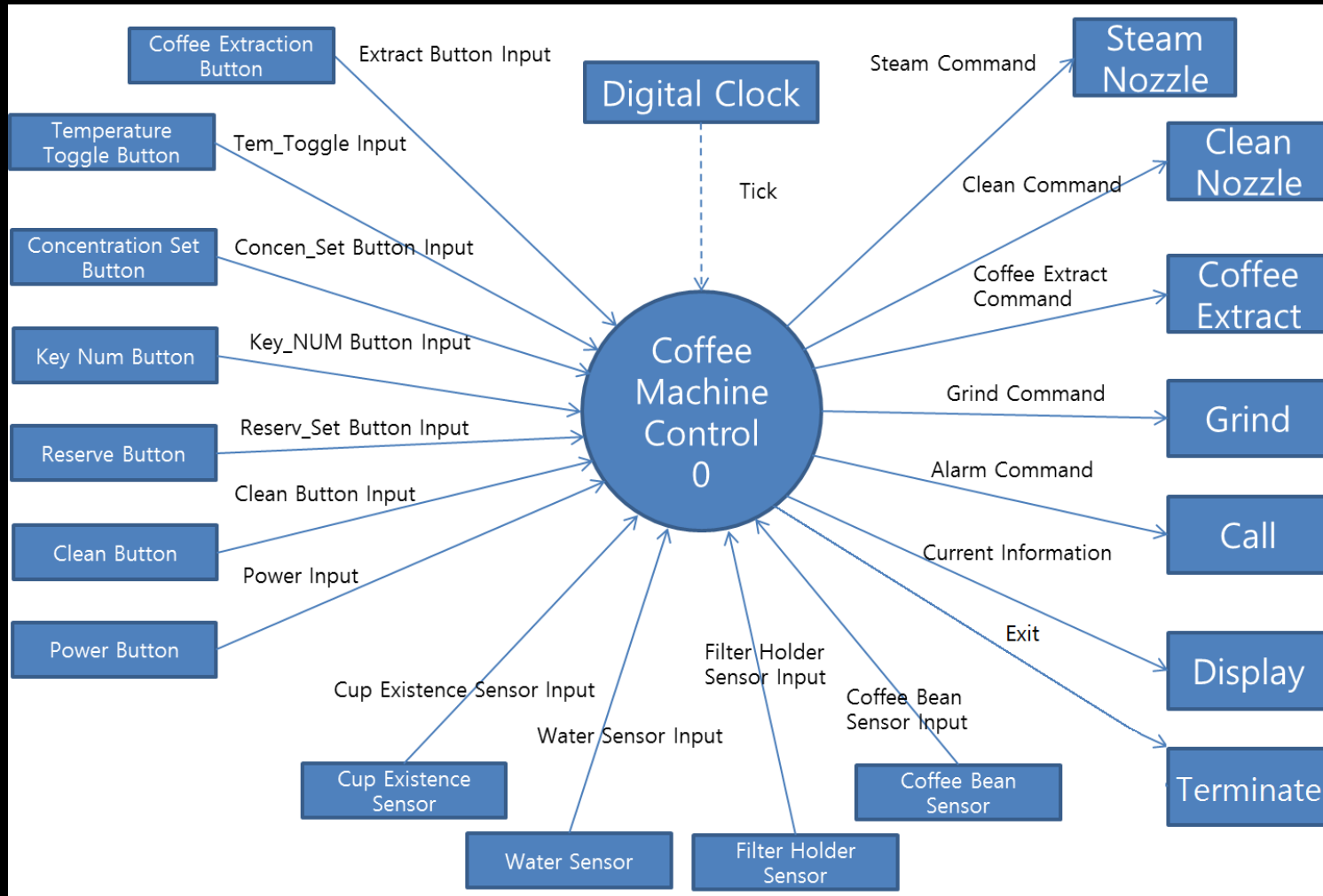
# Changes

## 1. STD



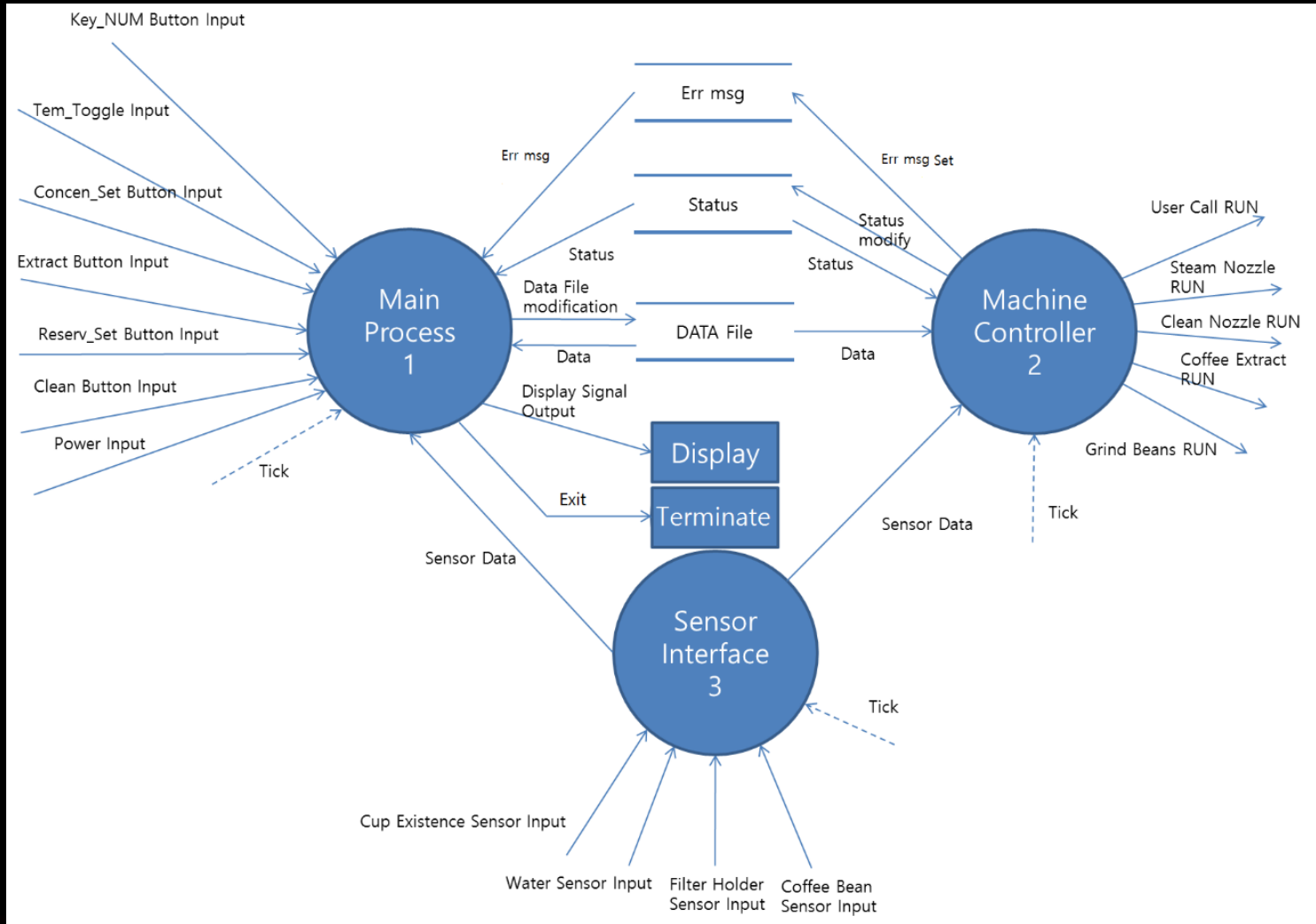
# Changes

## 1. DFD – Lv 0



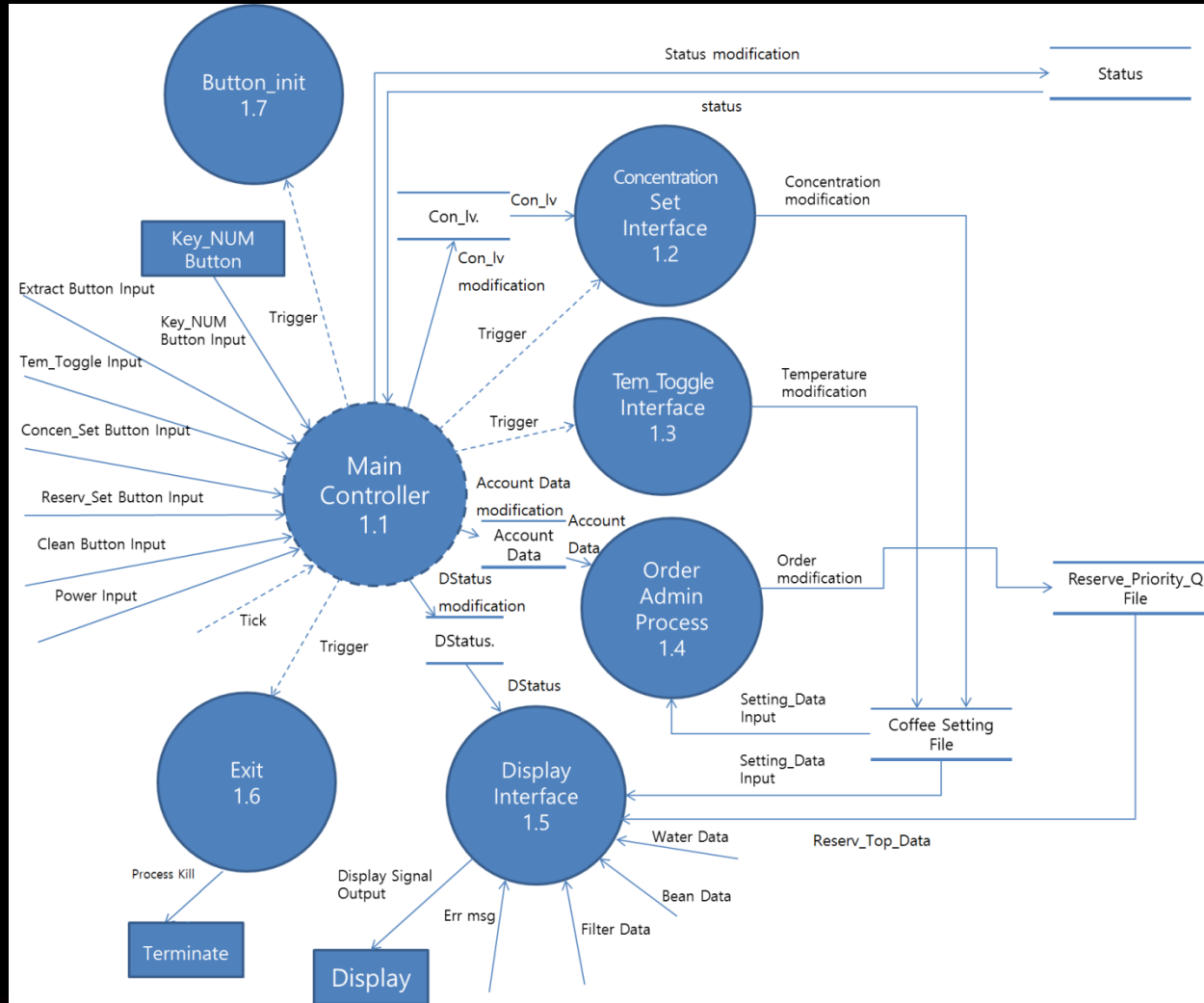
# Changes

## 1. DFD – Lv 1



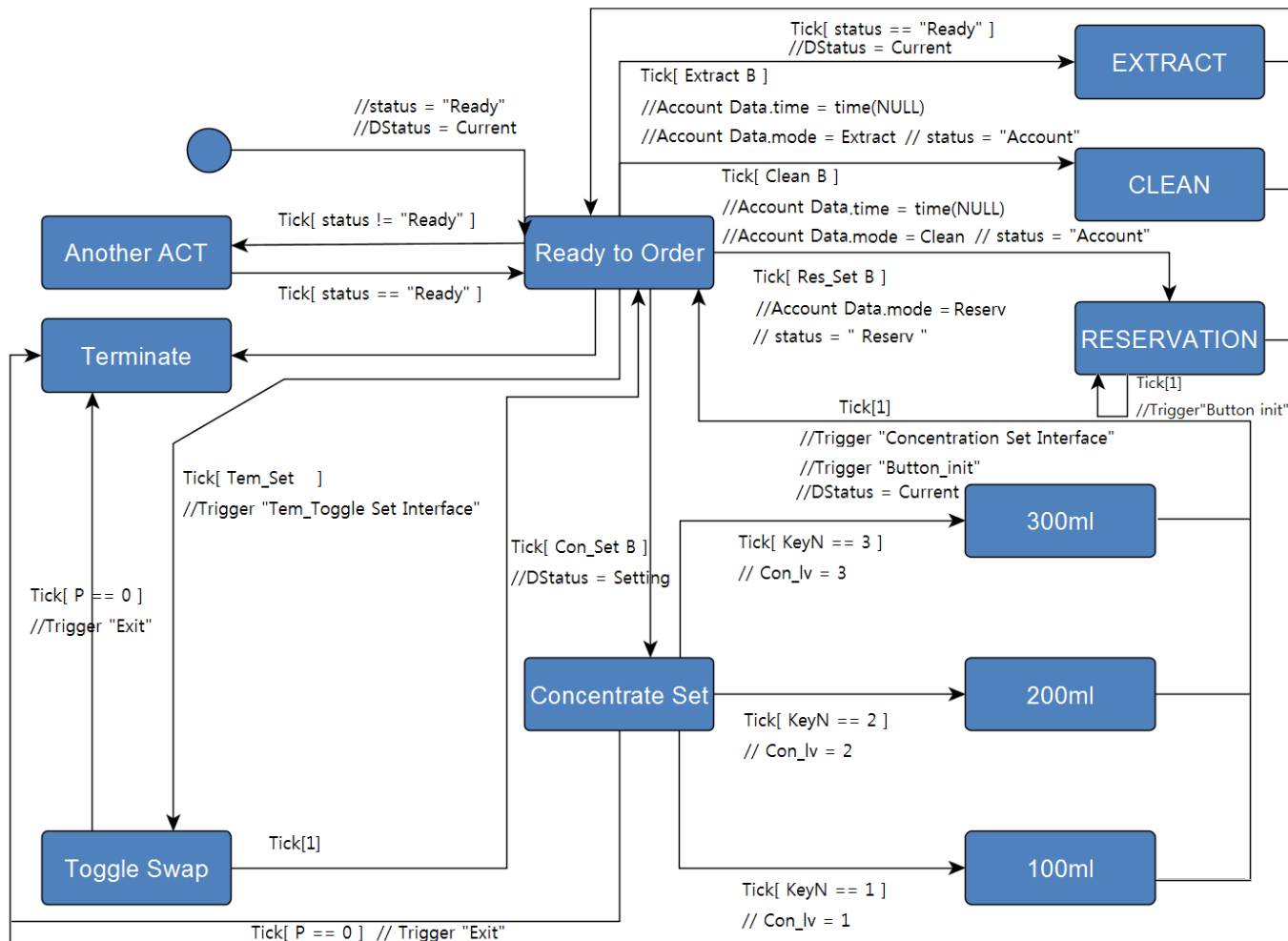
# Changes

## 1. DFD – Lv 2\_1 Main Controller



# Changes

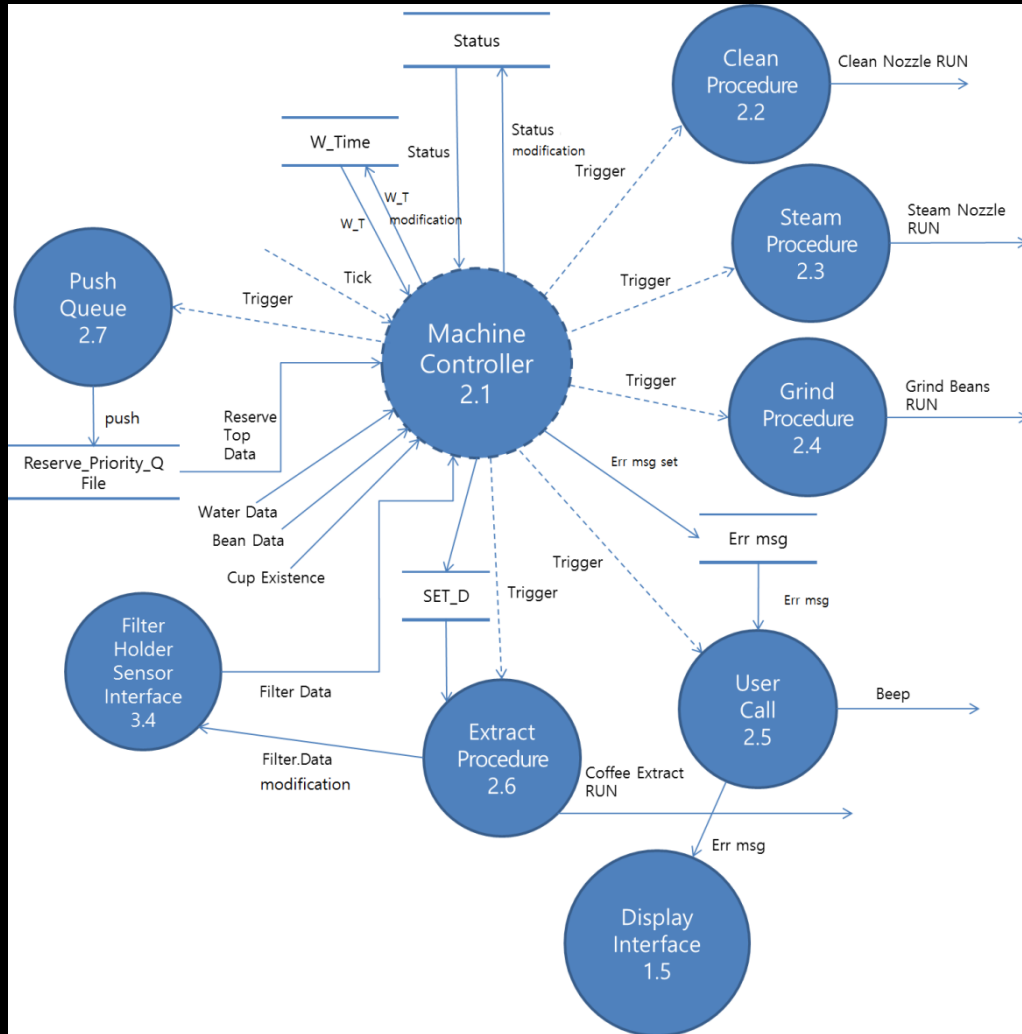
## 1. STD – Lv 2\_1 Main Controller



<b>B</b>	버튼입력
<b>P</b>	파워입력
<b>N</b>	숫자키 입력
<b>Tem_Set</b>	온도 토글
<b>Con_Set</b>	농도 설정

# Changes

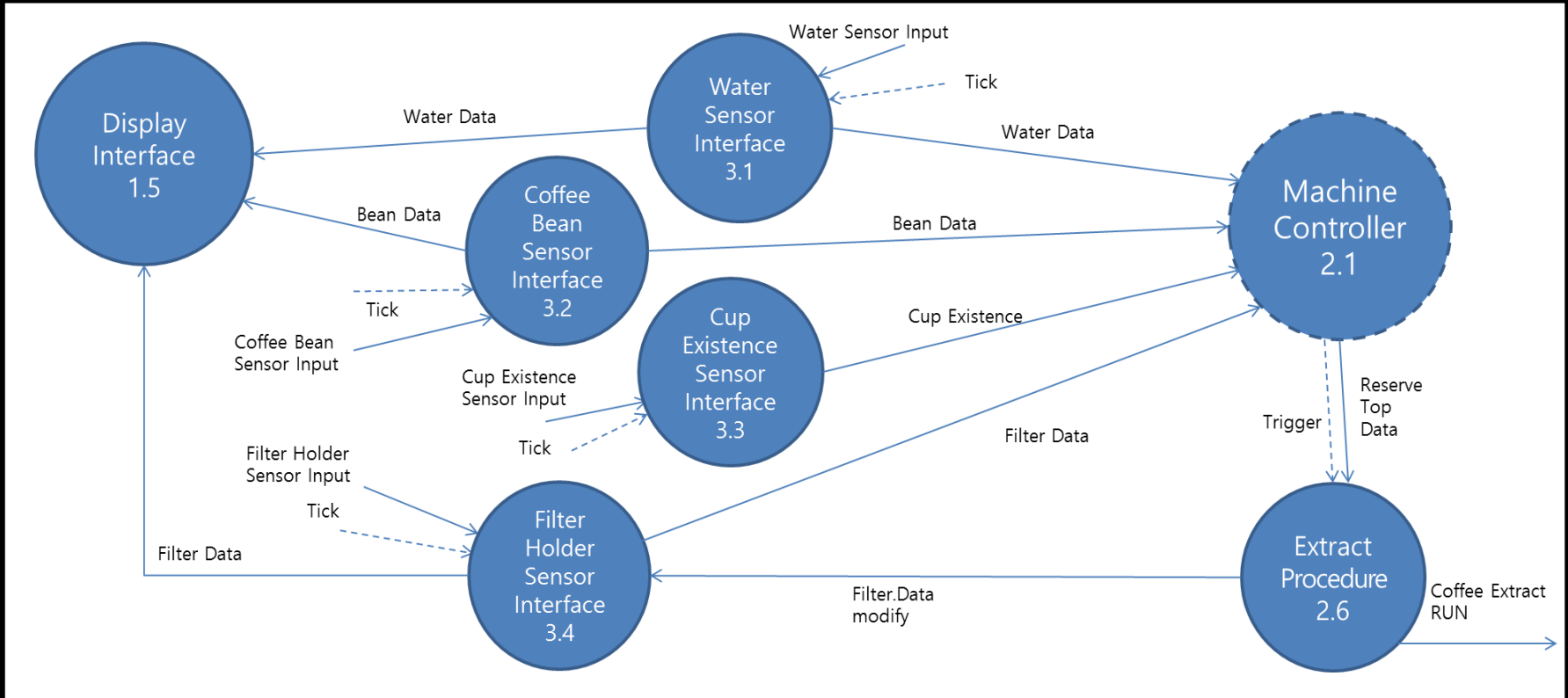
## 1. DFD – Lv 2\_2 Machine Controller





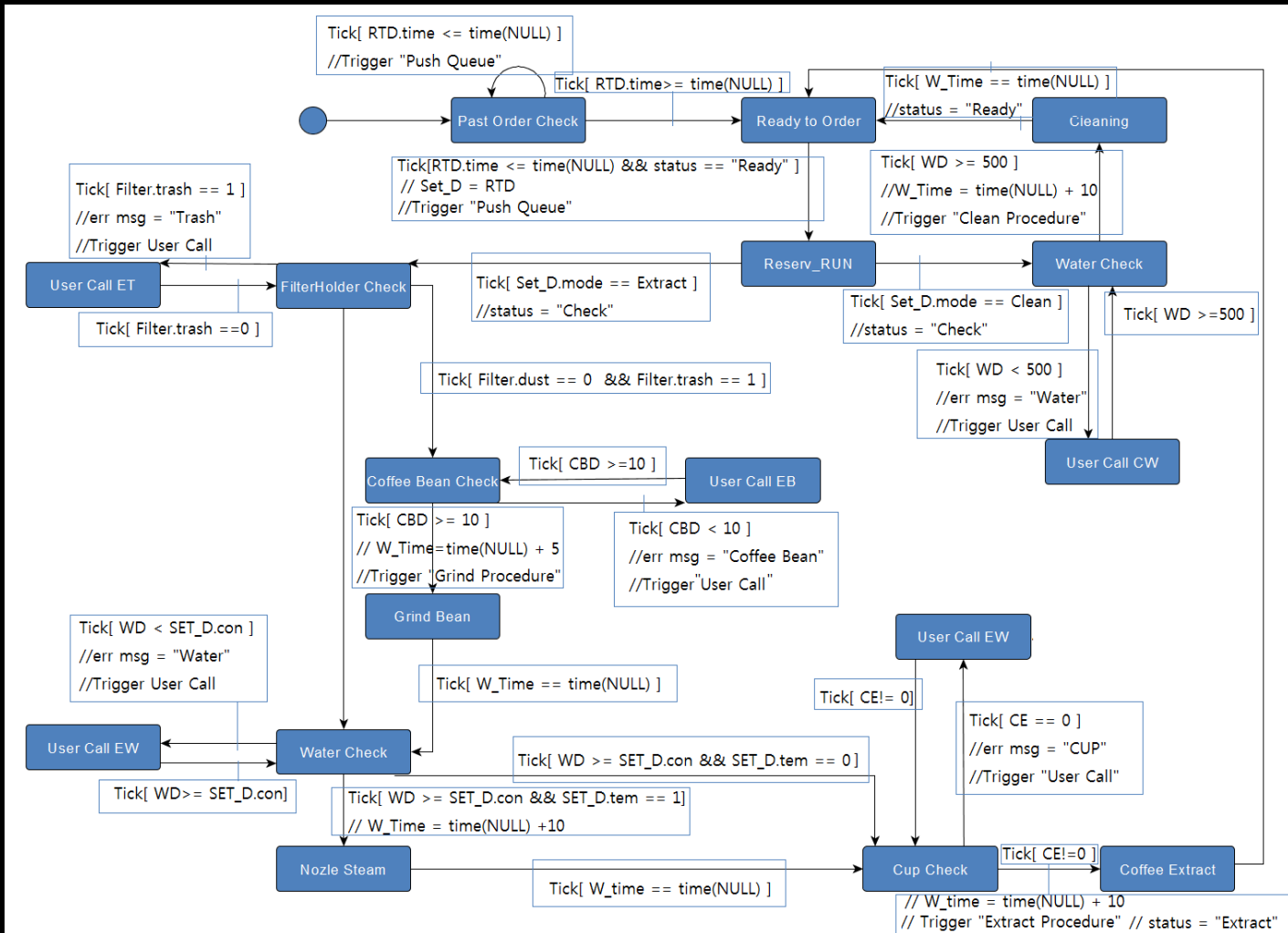
# Changes

## 1. DFD – Lv 2\_2 Machine Controller



# Changes

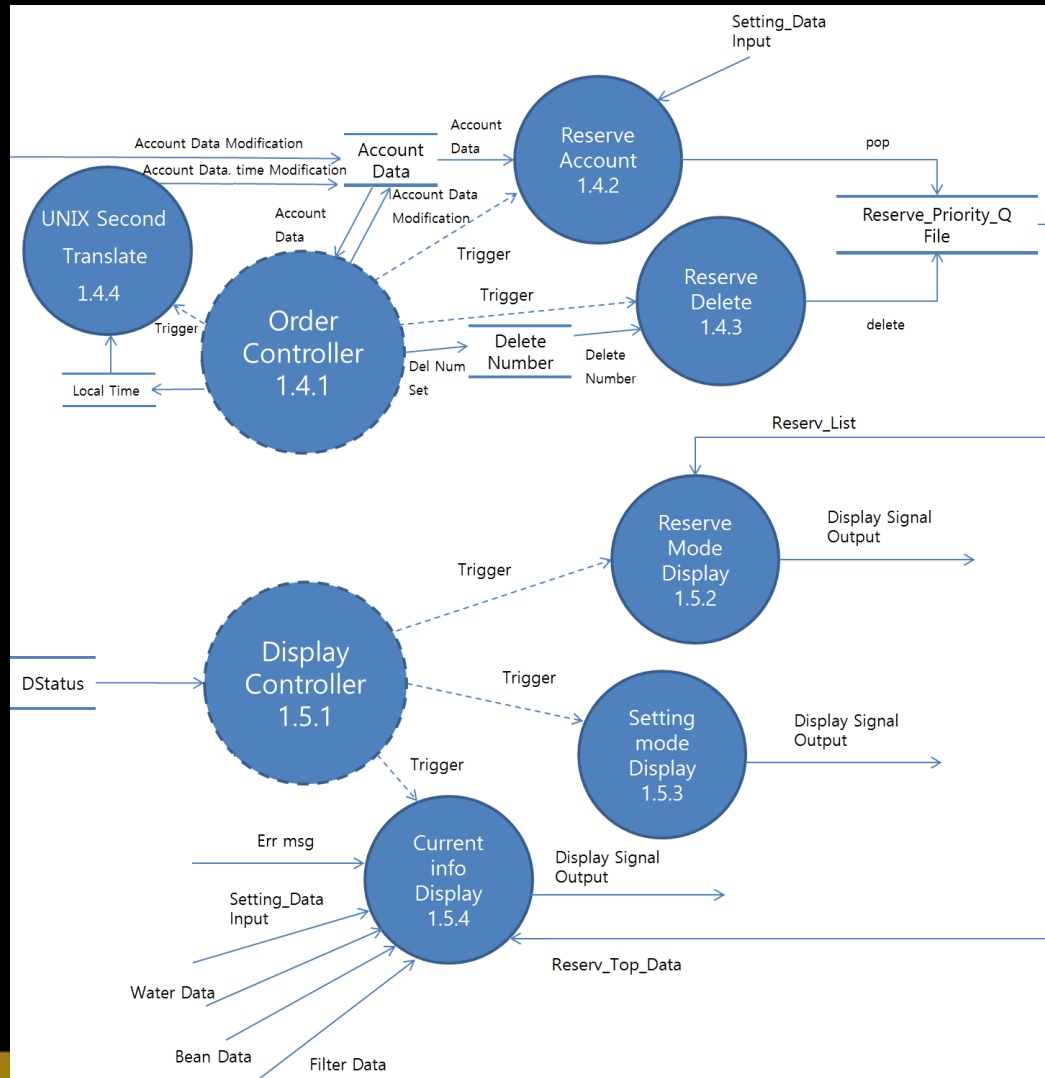
## 1. STD – Lv 2\_2 Machine Controller



<b>WD</b>	물 Data
<b>CBD</b>	원두 Data
<b>RTD</b>	최상위 예약 Data

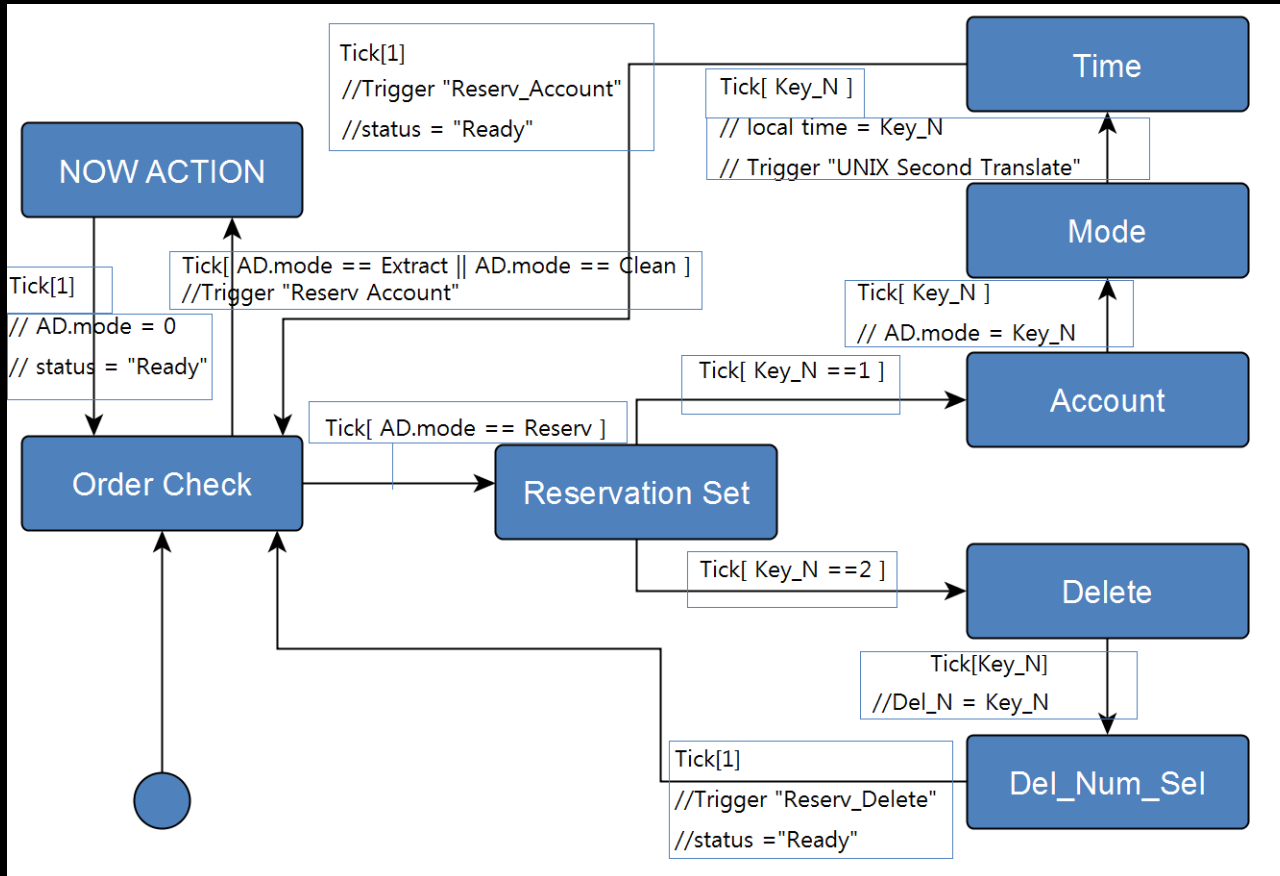
# Changes

## 1. DFD – Lv 3 Order Controller & Display Controller



# Changes

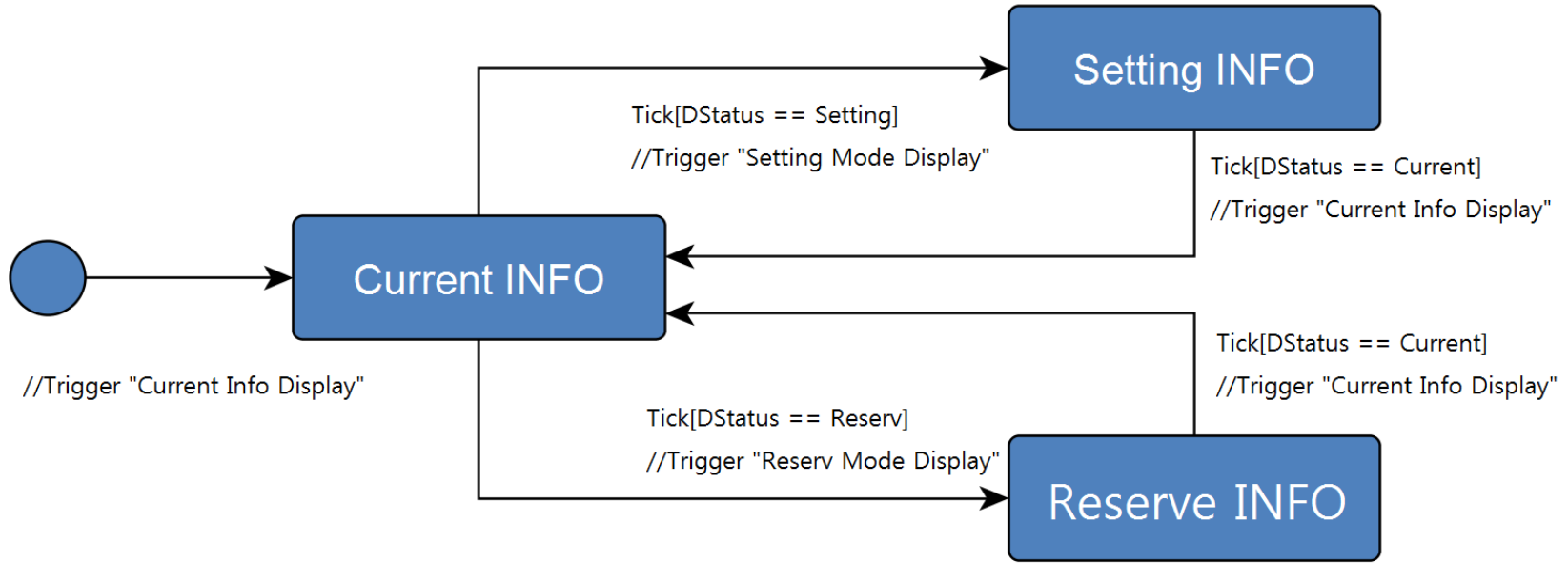
## 1. STD – Lv 3 Order Controller



<b>AD</b>	Account Data
<b>key_N</b>	Key_NUM

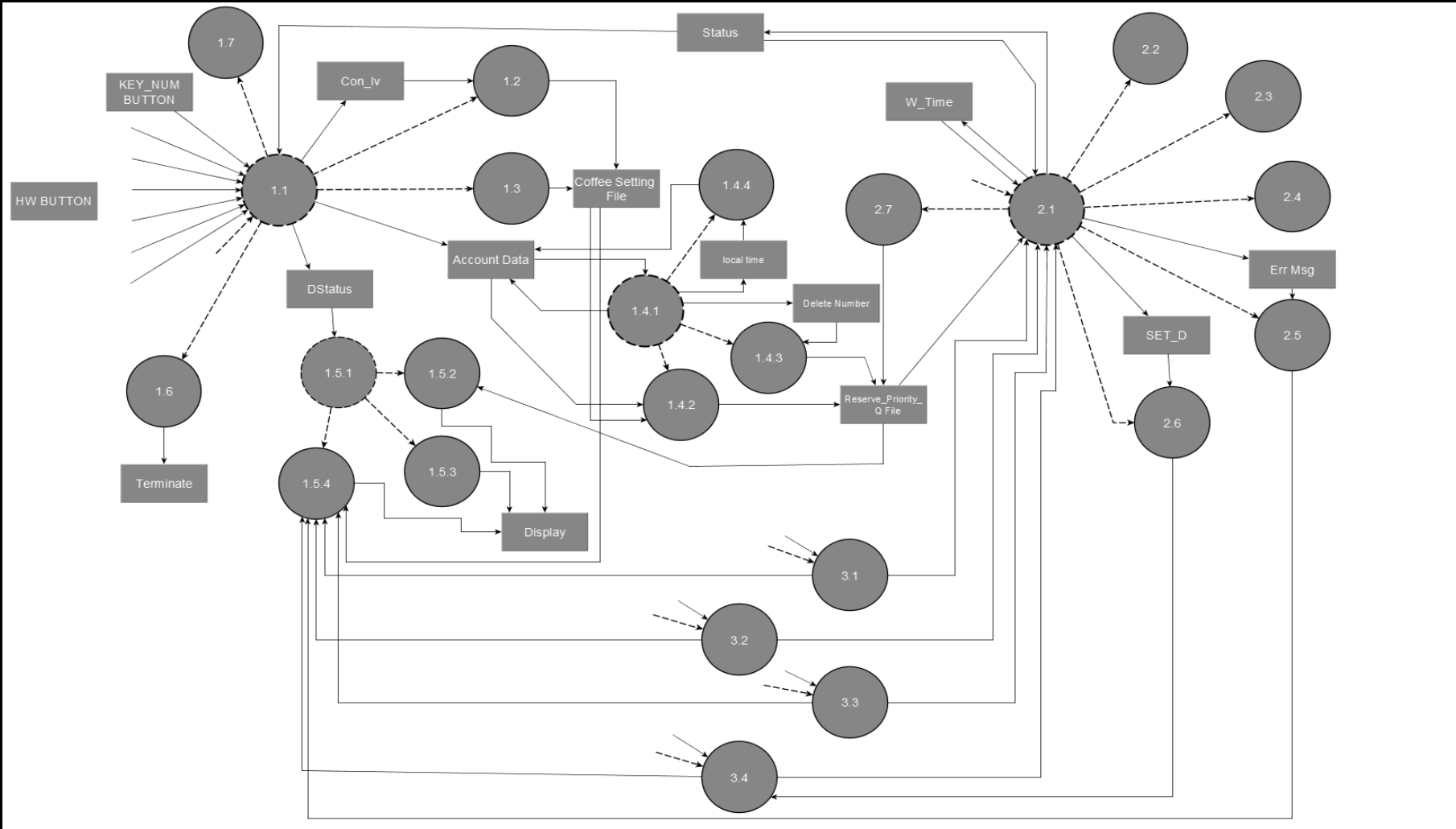
# Changes

## 1. STD – Lv 3 Display Controller



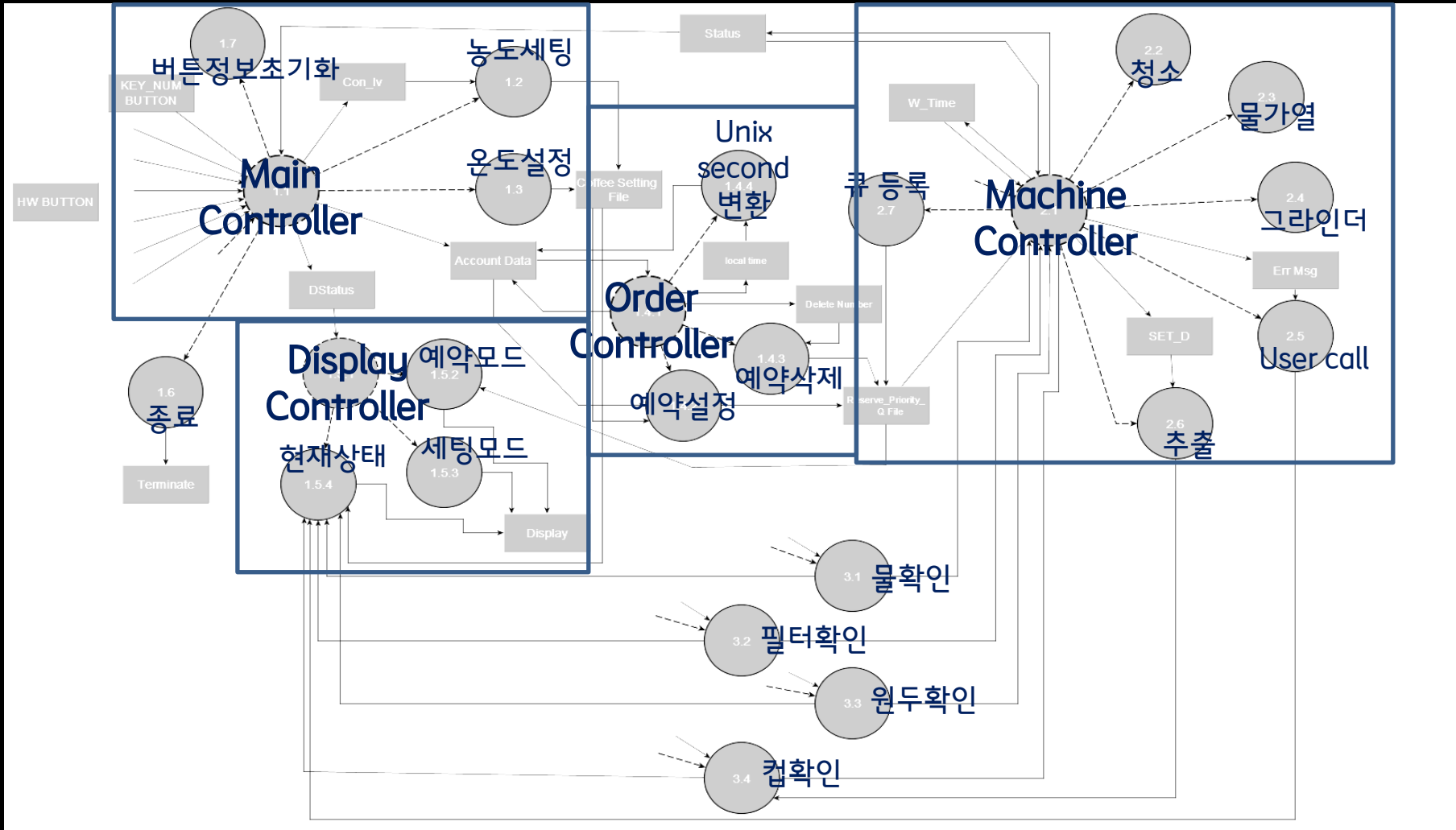
# Overall

## 1. DFD Introduction



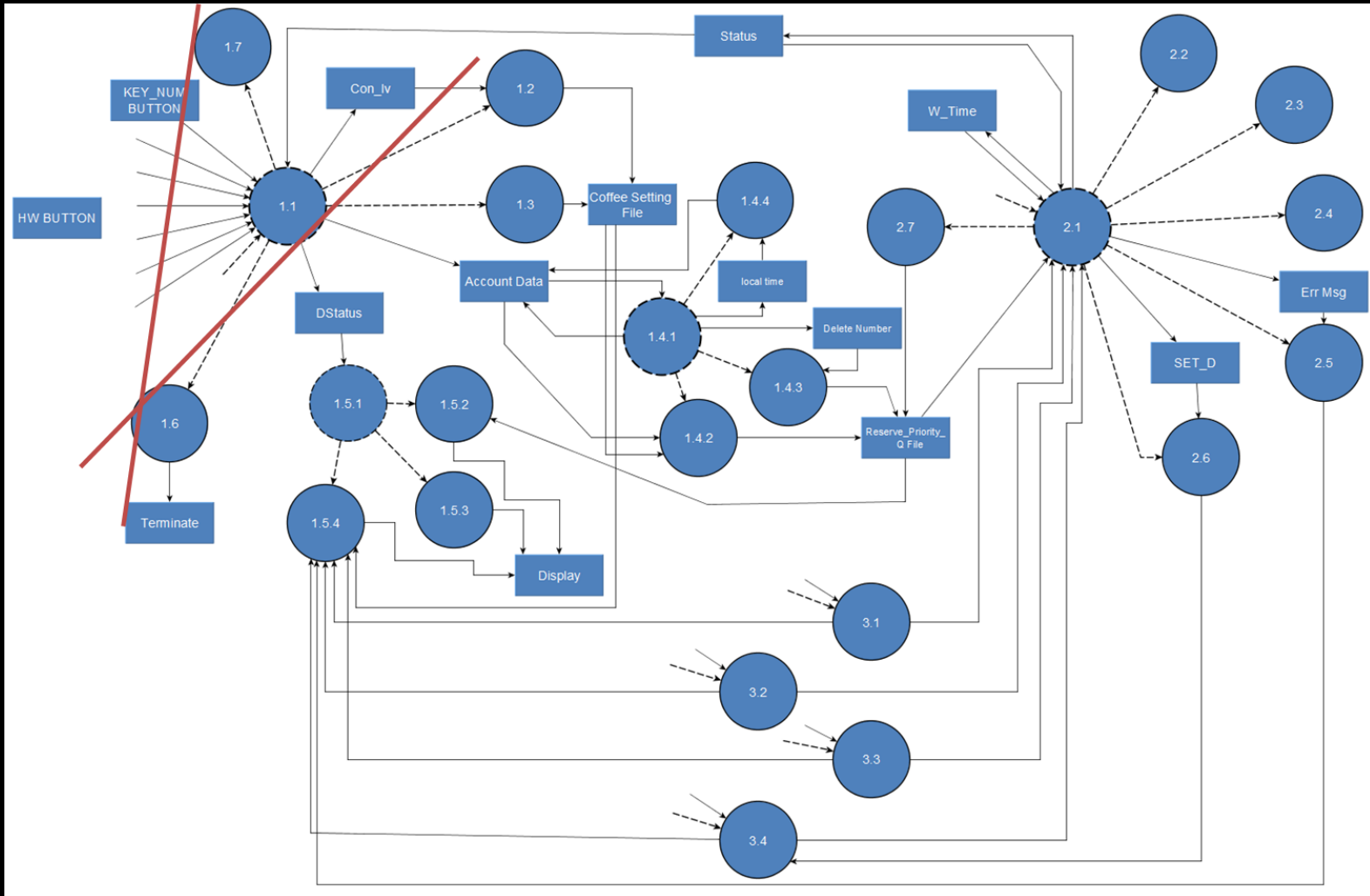
# Overall

## 1. DFD introduction



# Structured Design

## 1. Transform Analysis

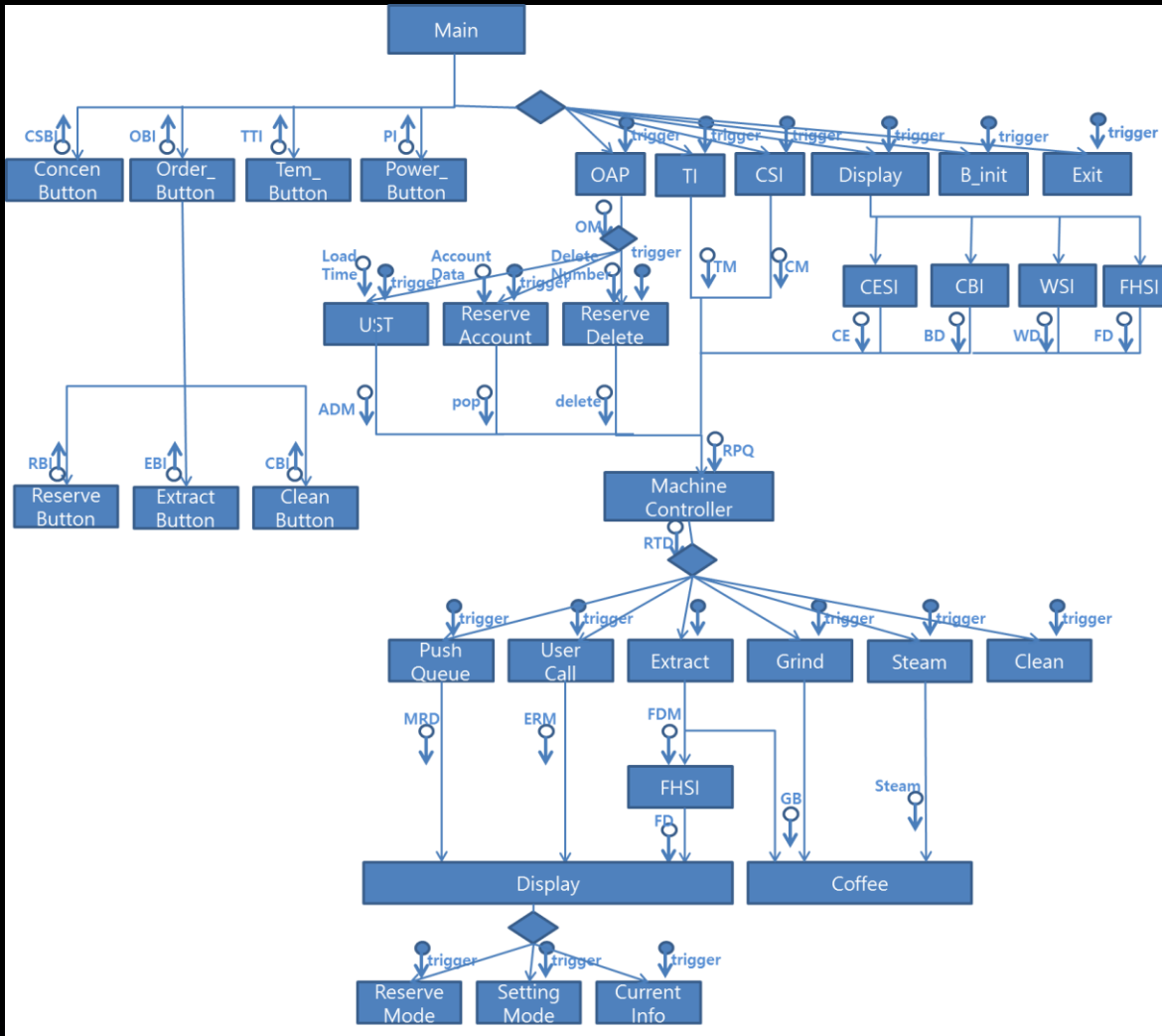






# Structured Design

## 2. Structured Charts(Advanced)



<b>AD</b>	Account Data
<b>ADM</b>	Account Data Modification
<b>BD</b>	Bean Data
<b>CBI</b>	Clean Button Input
<b>CBSI</b>	Coffee Bean Sensor Interface
<b>CE</b>	Cup Existence
<b>CESI</b>	Cup Existence Sensor Interface
<b>CM</b>	Concentration Modification
<b>CSBI</b>	Concen_Set Button Input
<b>CSI</b>	Concentration Set Interface
<b>EBI</b>	Extract Button Input
<b>ERM</b>	Error Message
<b>FD</b>	Filter Data
<b>FDM</b>	Filter Data Modify
<b>FHSI</b>	Filter Holder Sensor Interface
<b>GB</b>	Grind Bean
<b>MRD</b>	Modify Reserved Data
<b>OAP</b>	Order Admin Process
<b>OBI</b>	Order Button Input
<b>OM</b>	Order Modification
<b>PI</b>	Power Input
<b>RBI</b>	Reserve_set Button Input
<b>RTD</b>	Reserve Top Data
<b>TI</b>	Temp_toggle Interface
<b>TM</b>	Tempature Modification
<b>TTI</b>	Tem_Toggle input
<b>UST</b>	Unix Second Translate
<b>WD</b>	Water data
<b>WSI</b>	Water Sensor Interface